

Figure 1

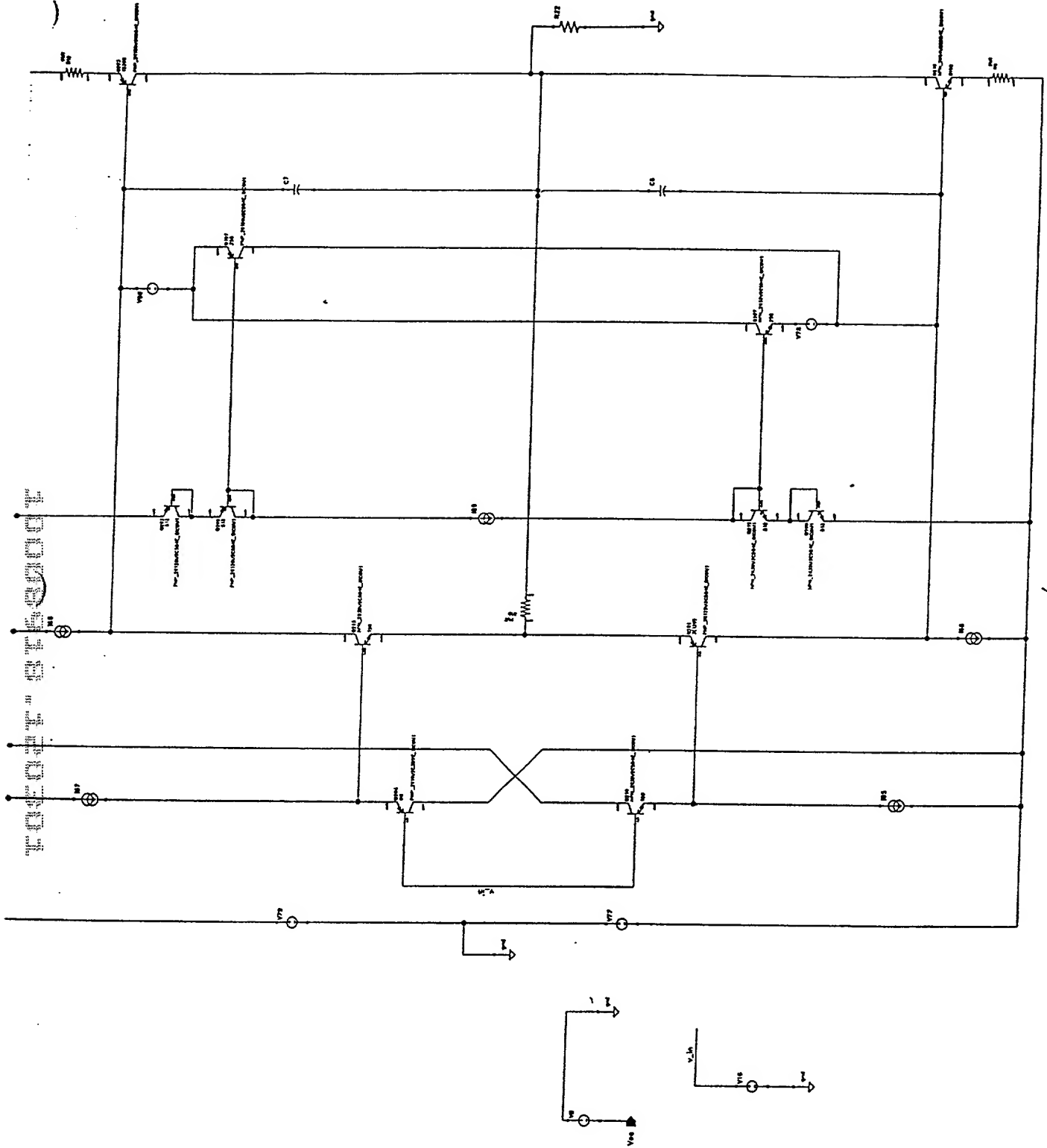


Figure 2 (Prior Art)

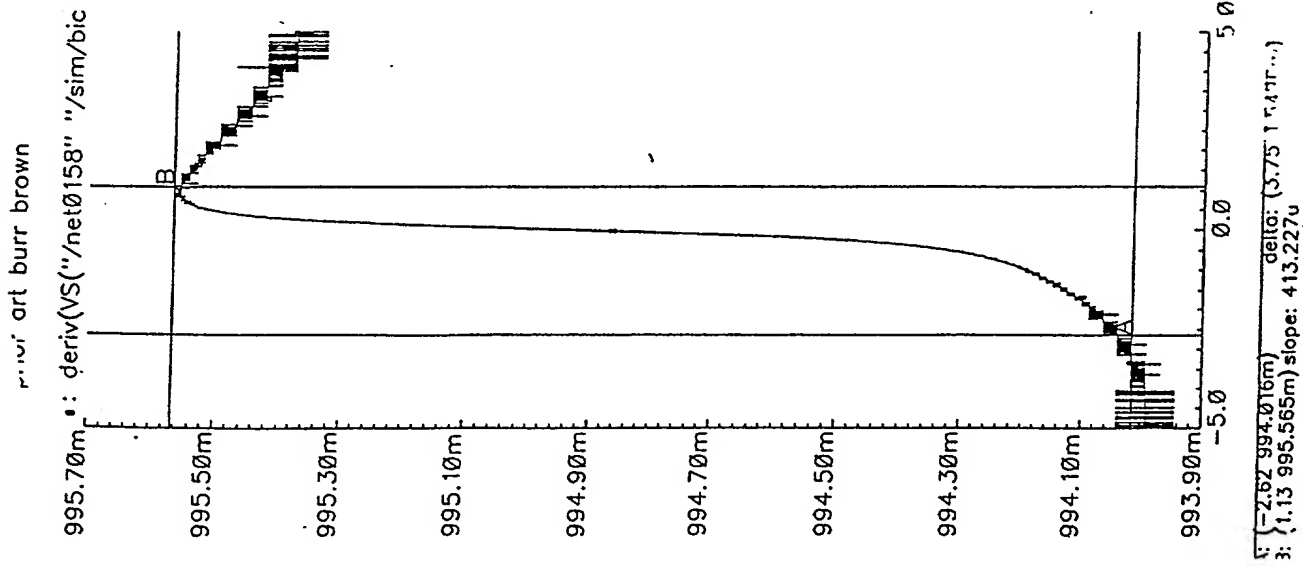


Figure 3 (Prior Art)

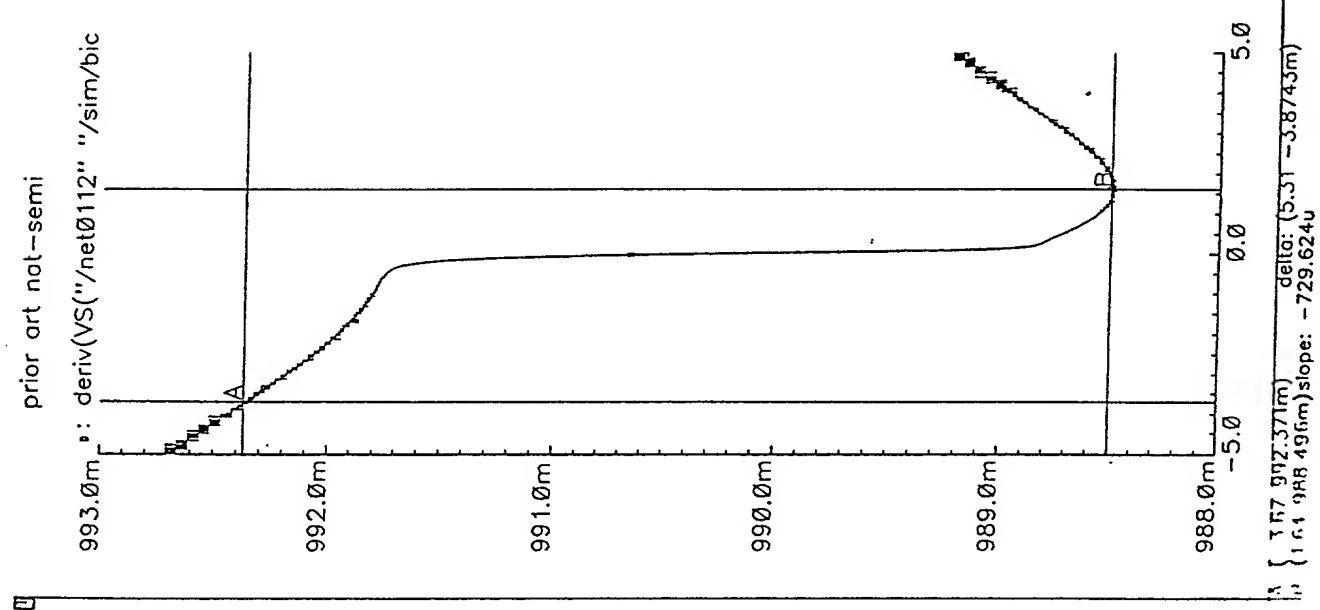


Figure 4 (Prior Art)

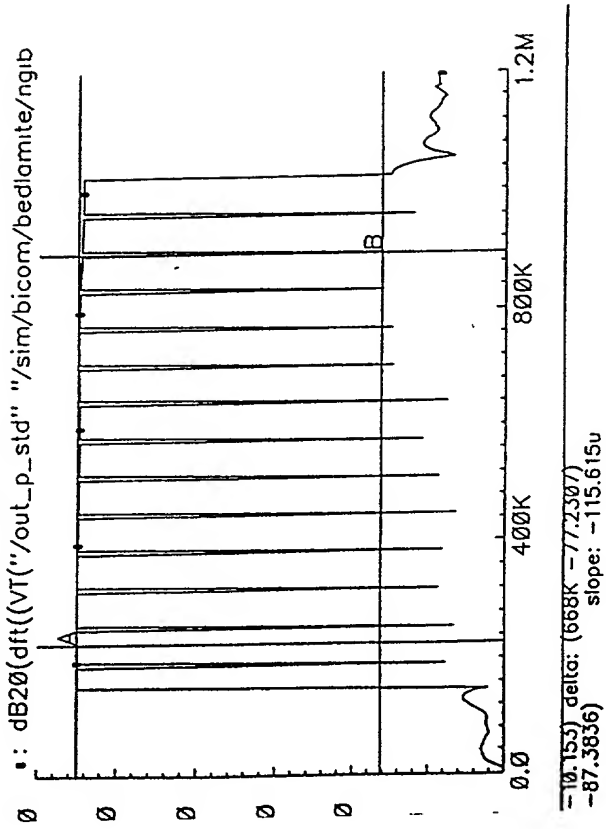
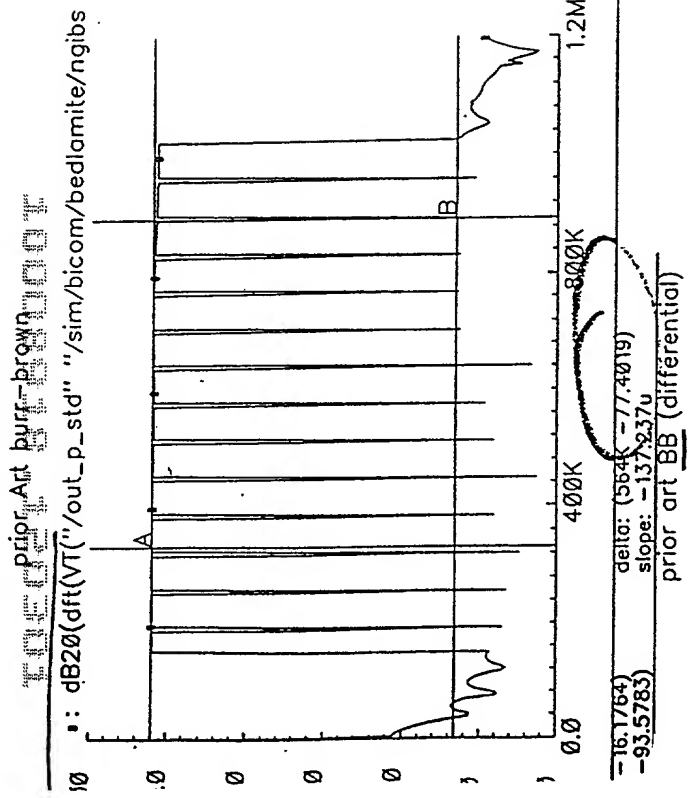


Figure 5 (Prior Art)

std op stage

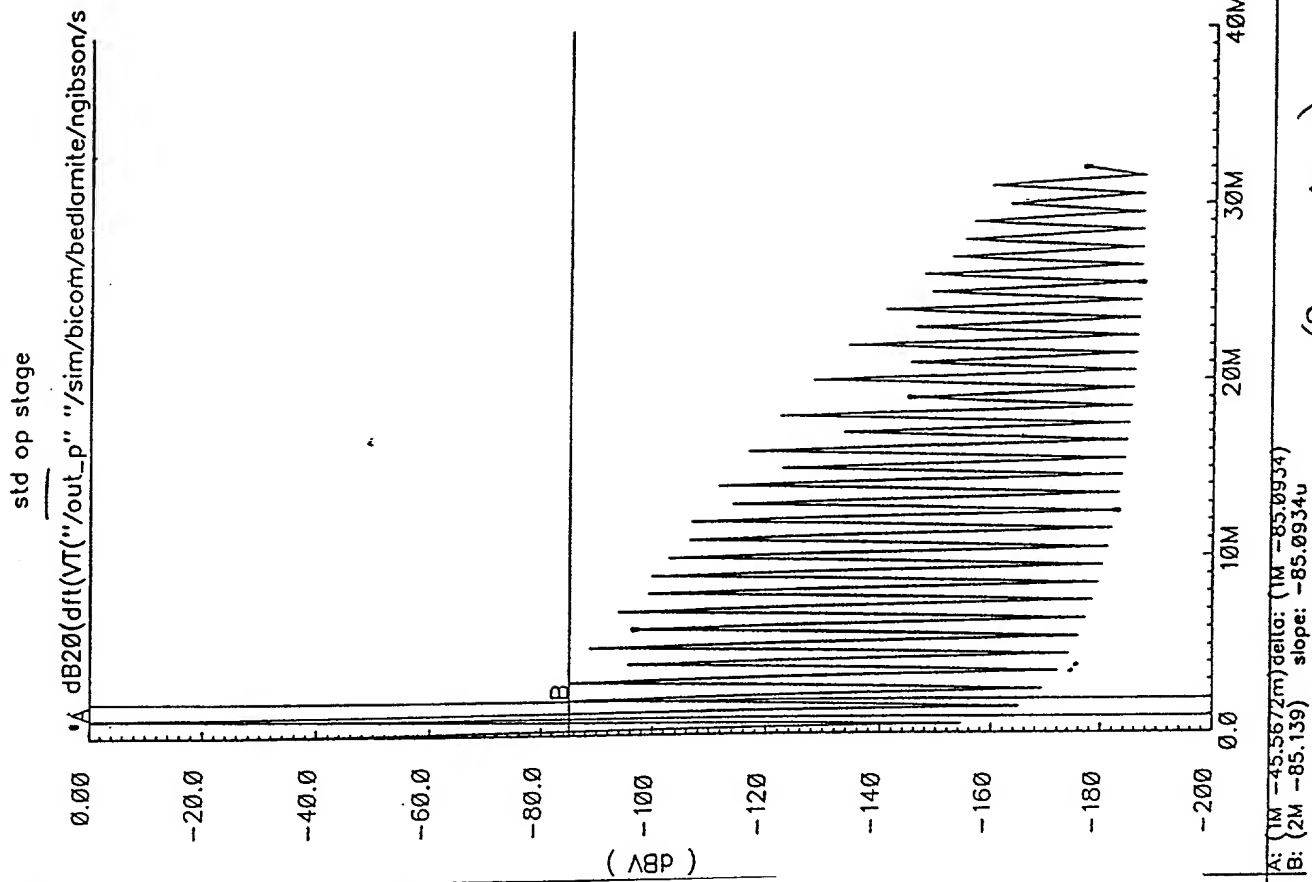


Figure 6 (Prior Art)



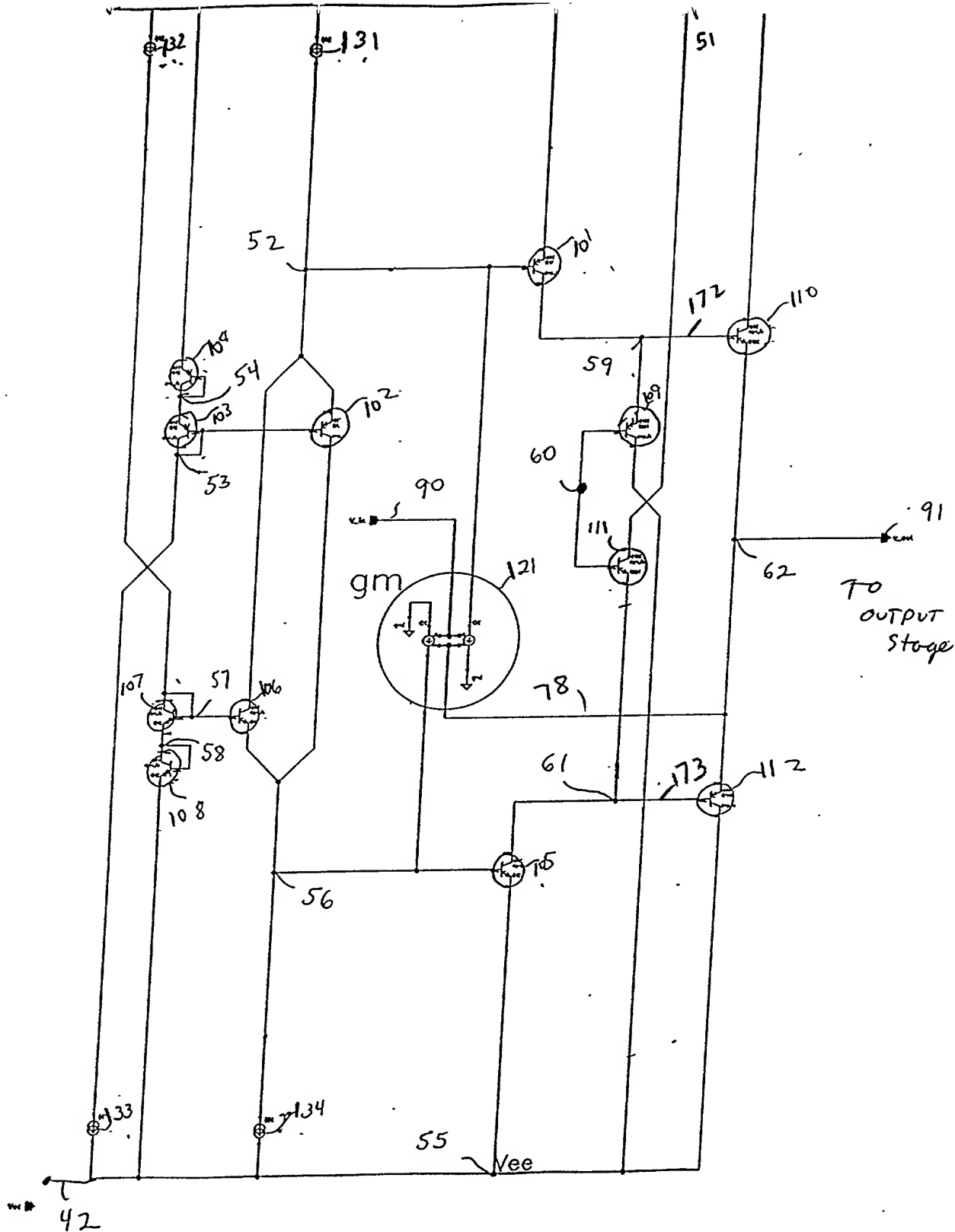


Figure 8

new TI output

999.40m 1: deriv(VS("/net0133" "/sim/bic

999.30m

999.20m

999.10m

999.00m

-5.0 0.0 5.0

A: (-3.0807 999.188m) delta: (4.0307 85.1242u)  
B: (950m 999.273m) slope: 21.1189u

Figure 9



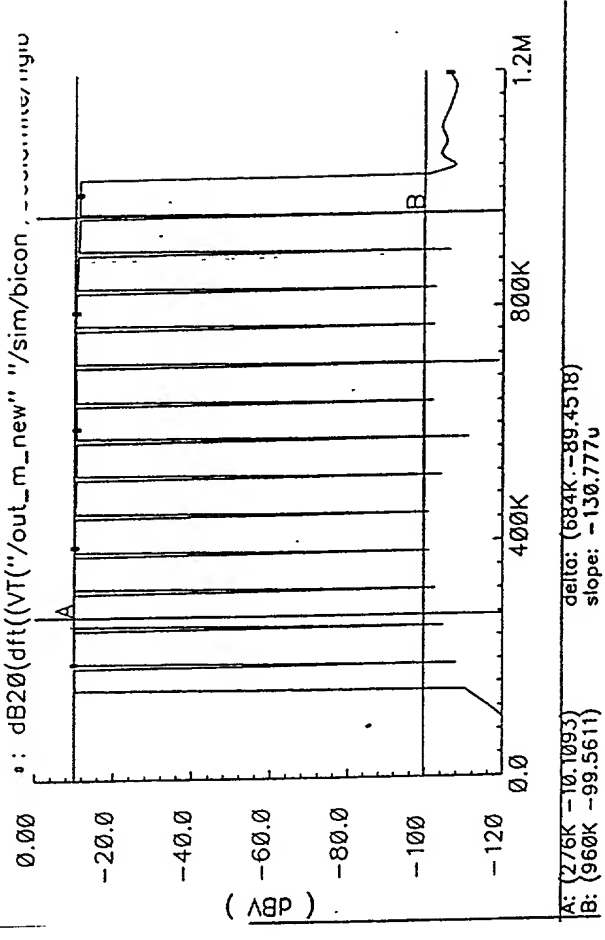
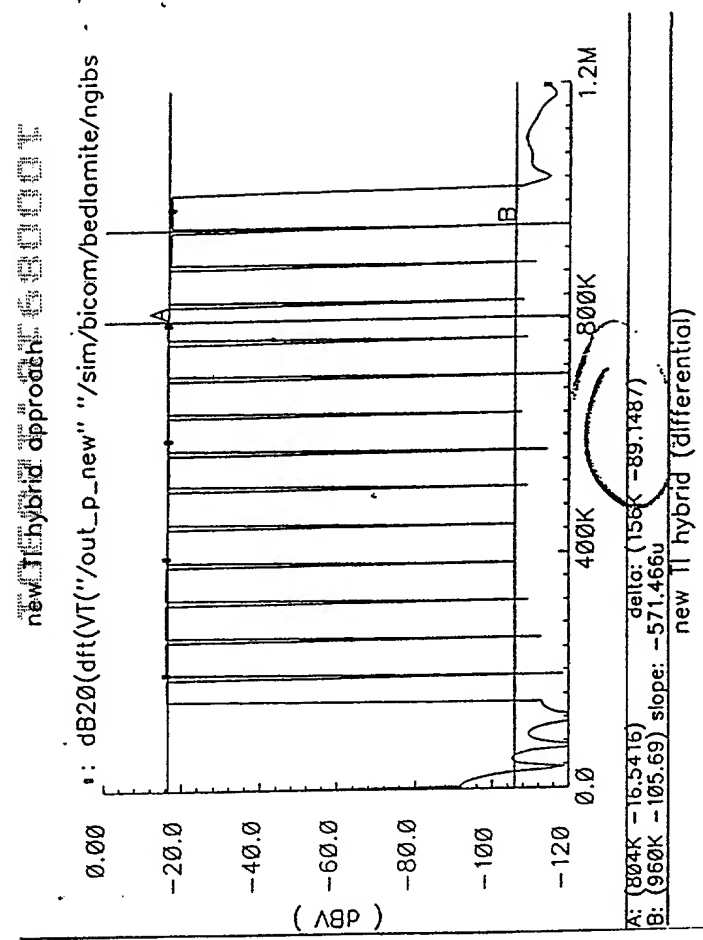


Figure 10

Plot of 50000 new up stage

dB20(dft(VT("/out\_p" "/sim/bicom/bedlamite/ngibson/s

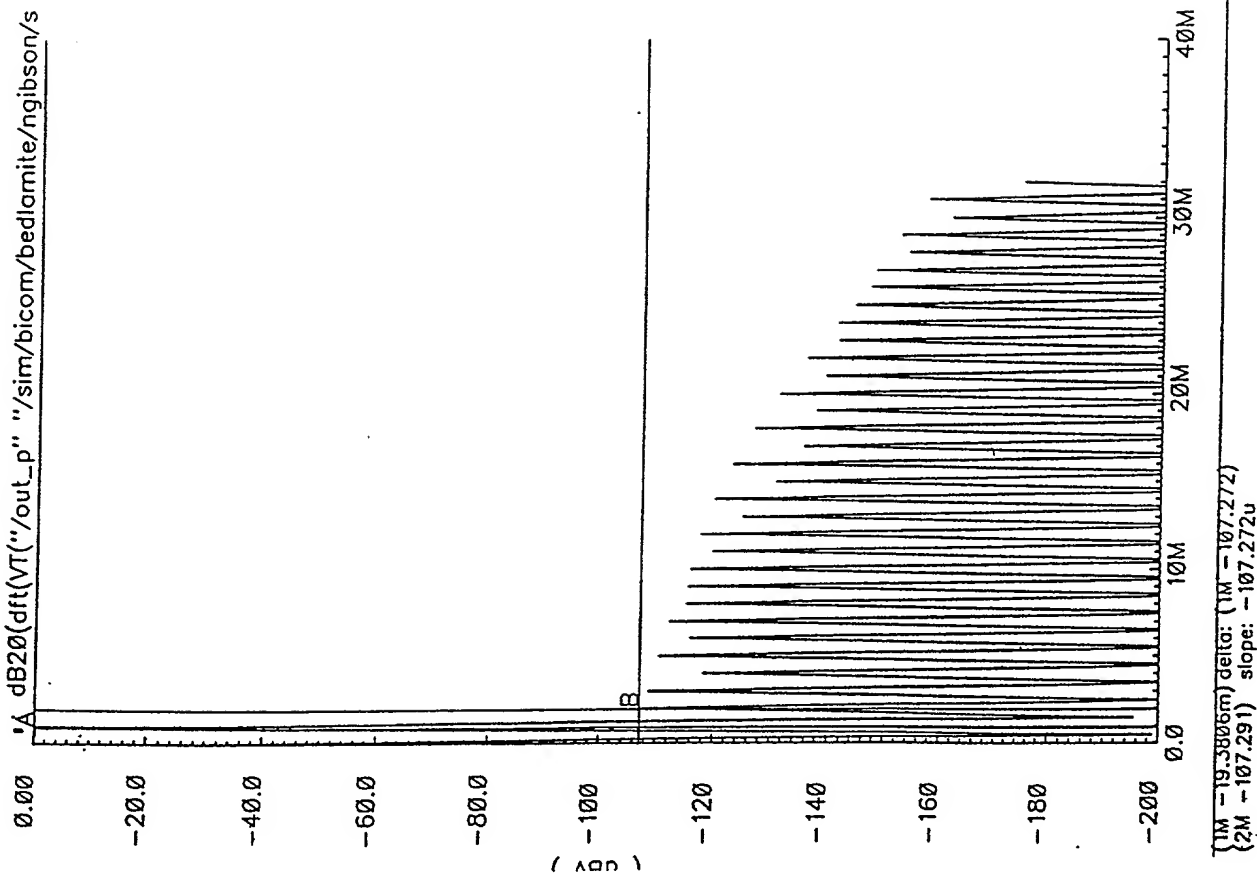


Figure 11

400003530001

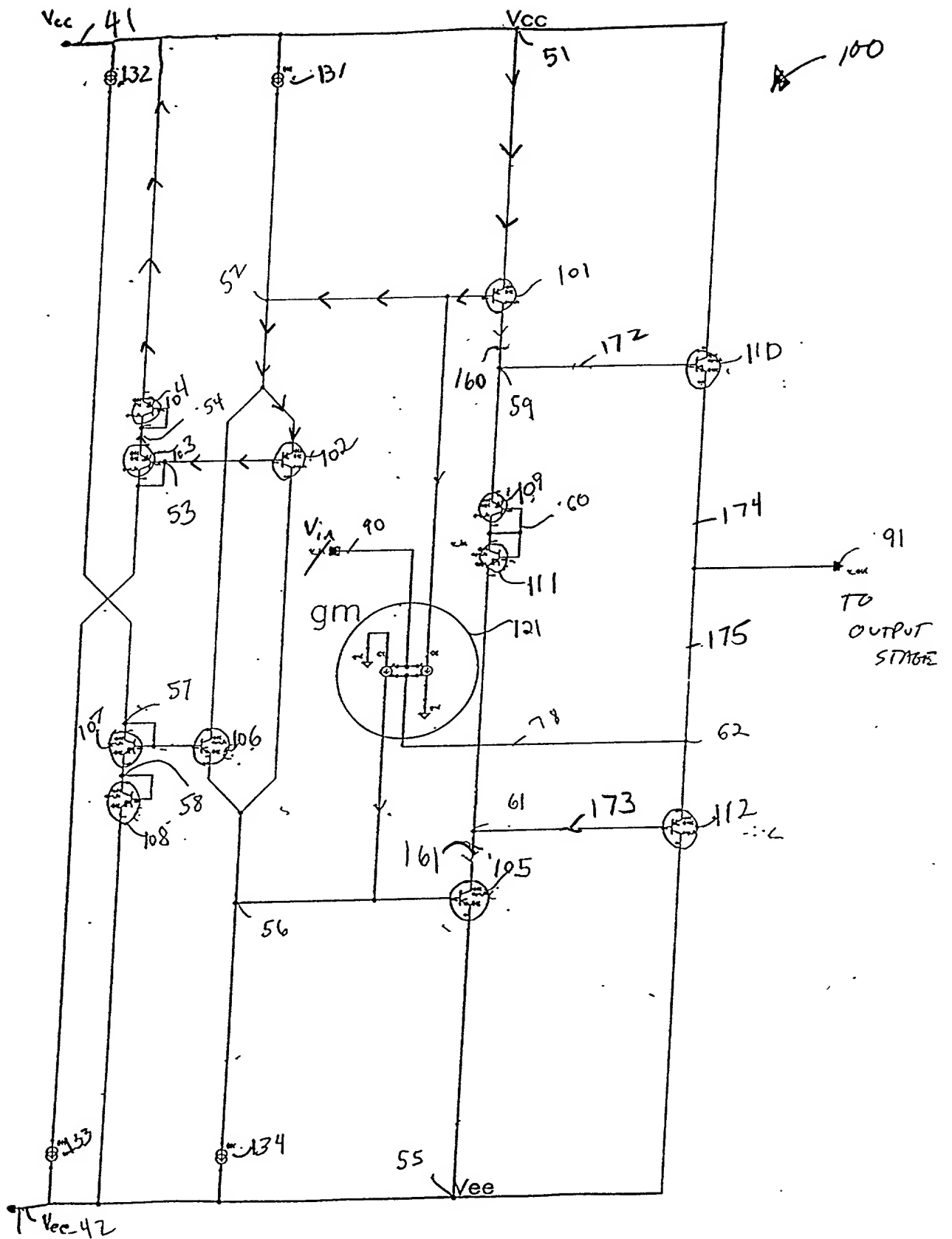


Figure 12

4008543-4004

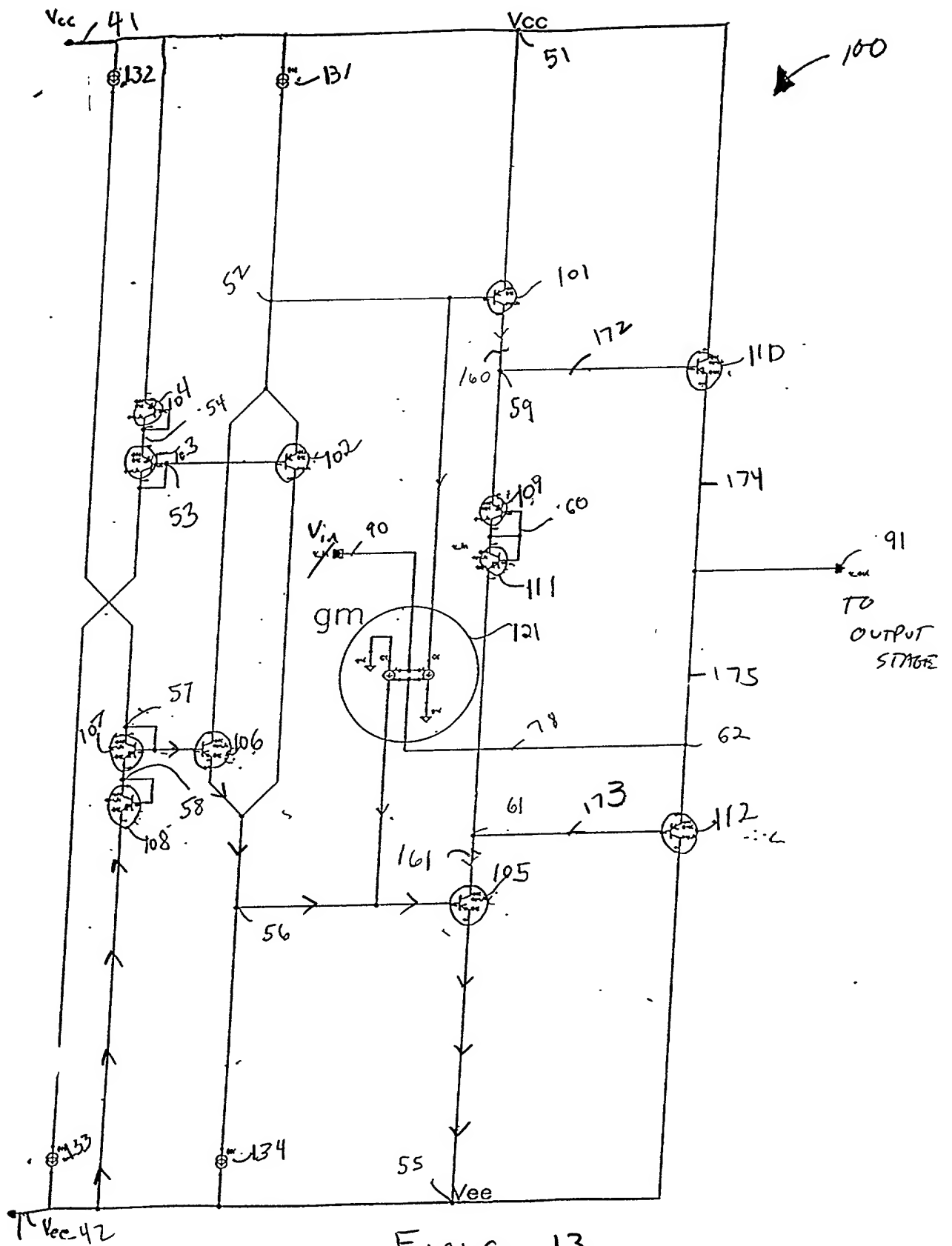


Figure 13

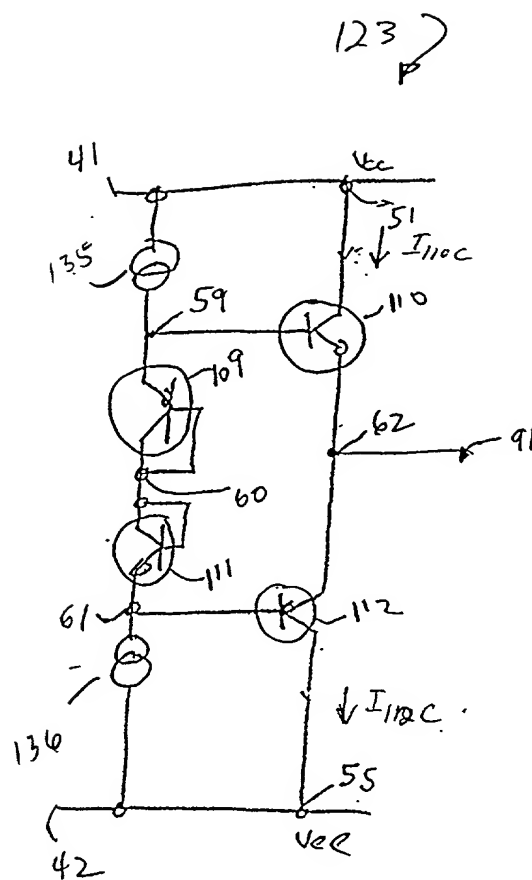


Figure 14

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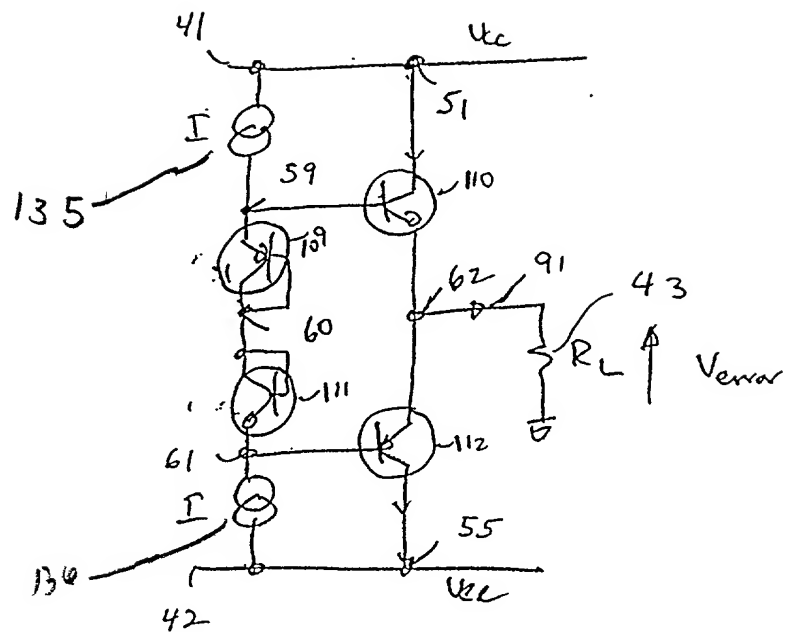


Figure 15

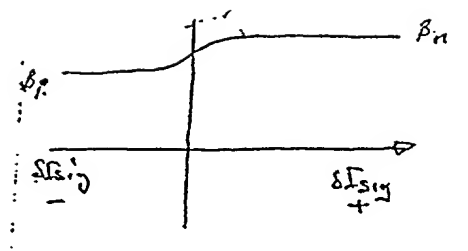


Figure 16

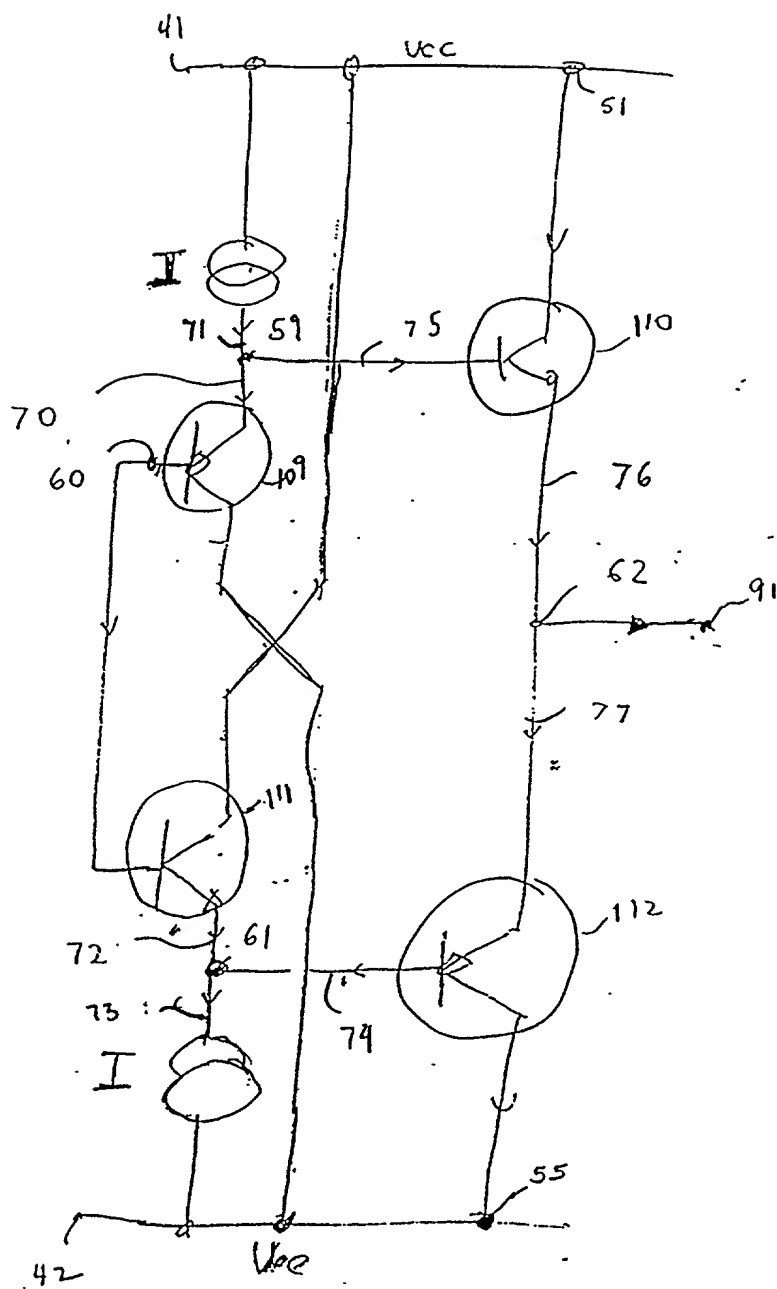


Figure 17



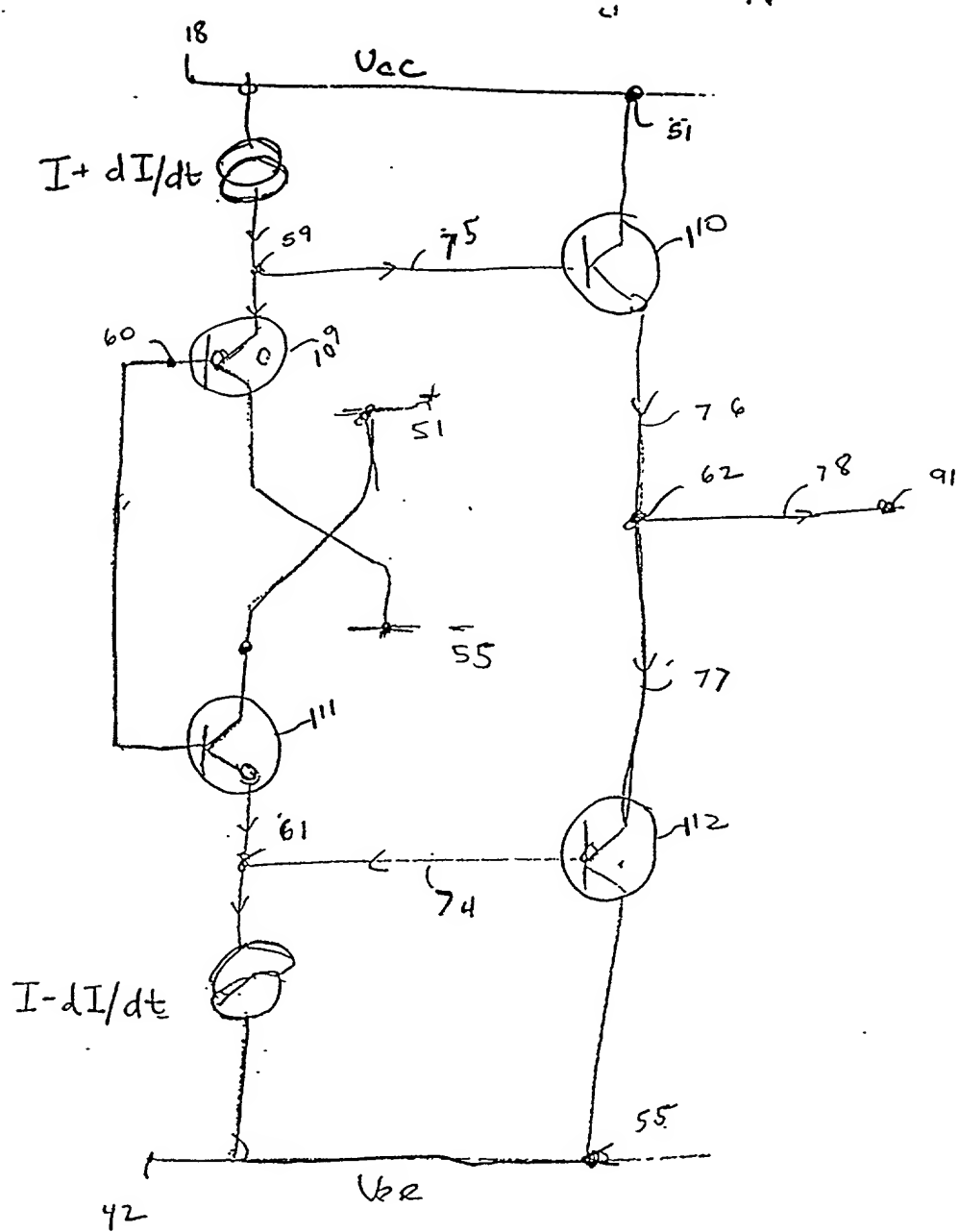
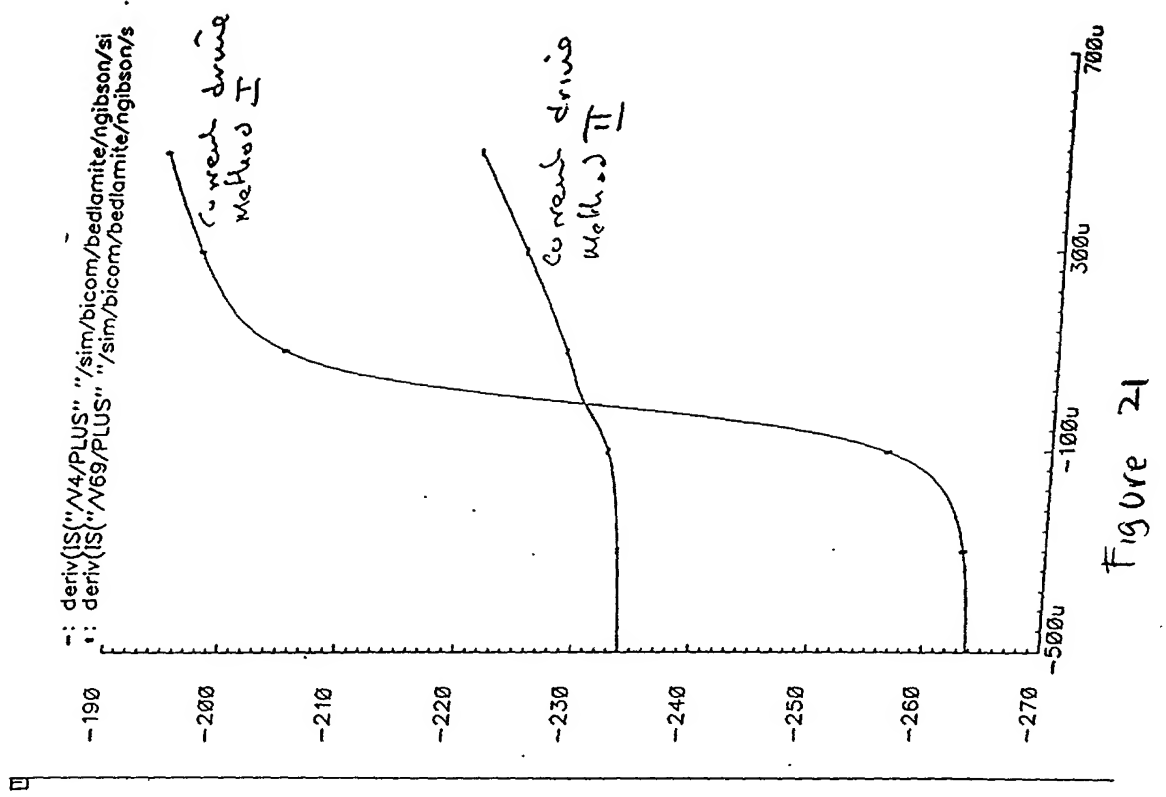
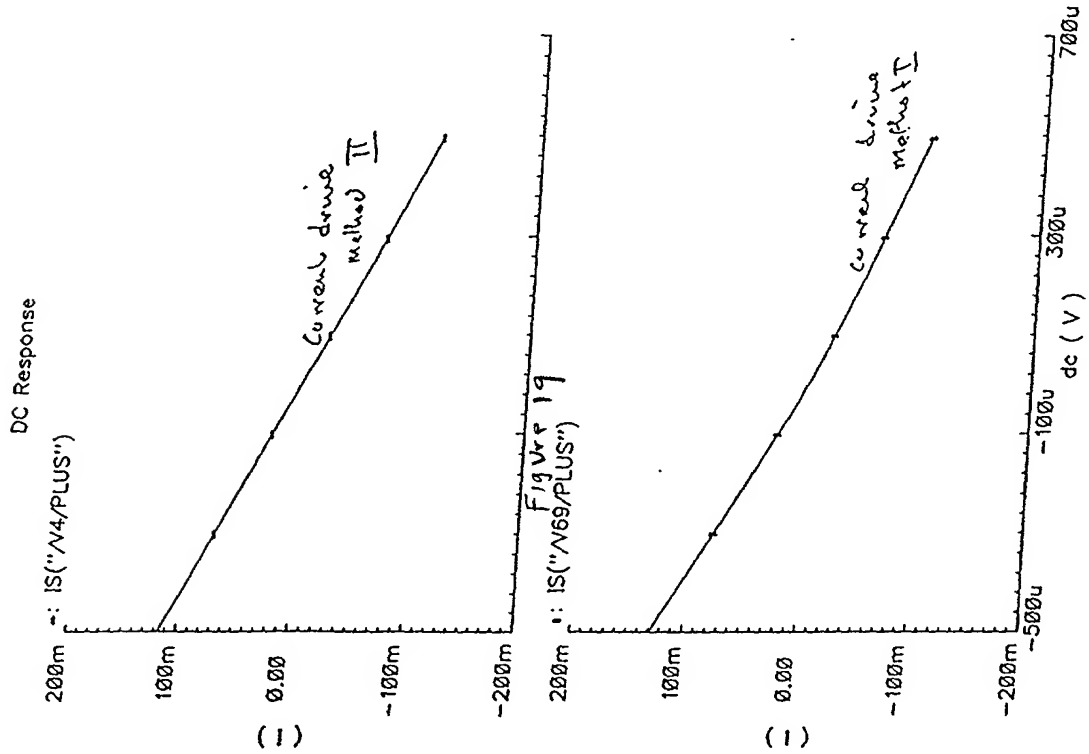


Figure 18



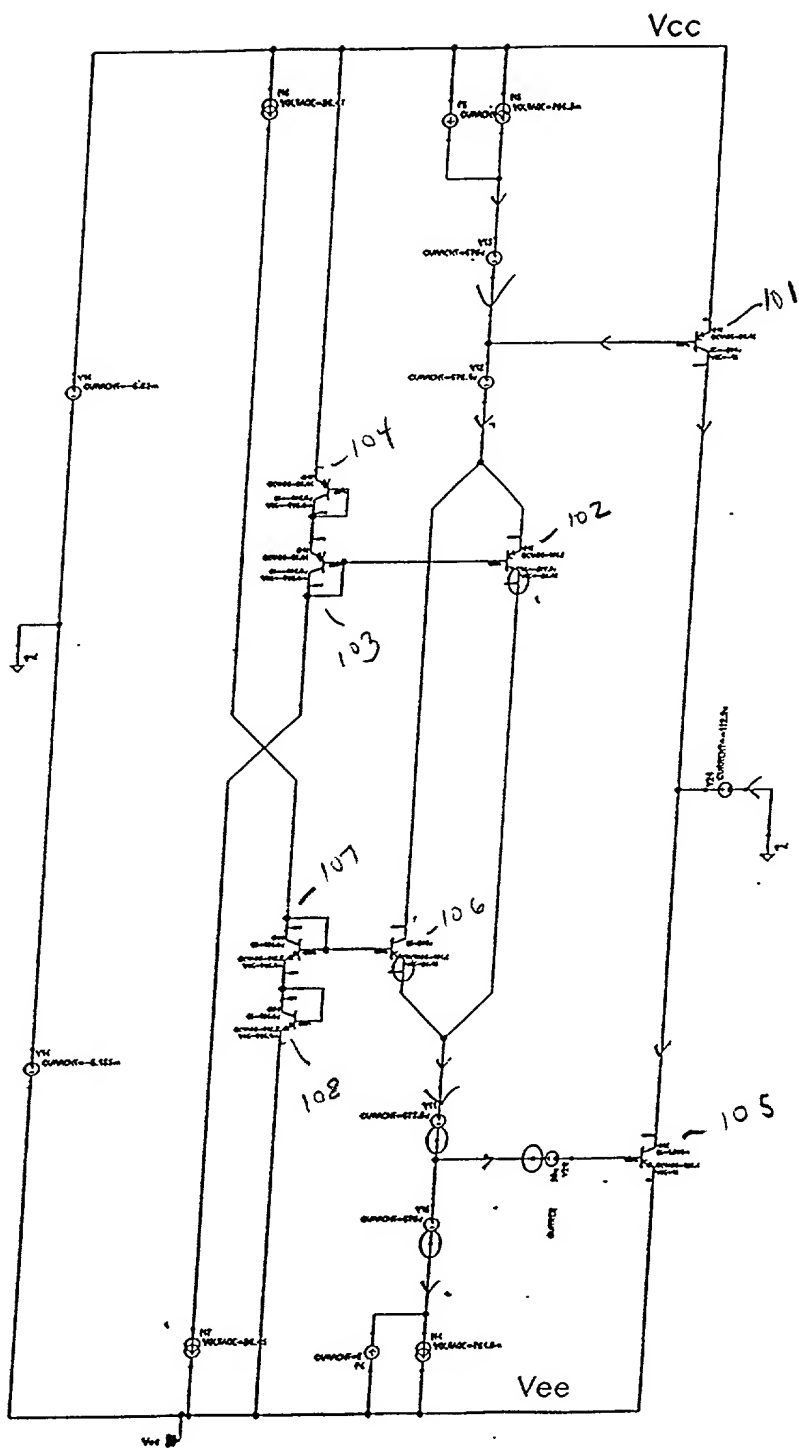


Figure 22

# DC Response

14

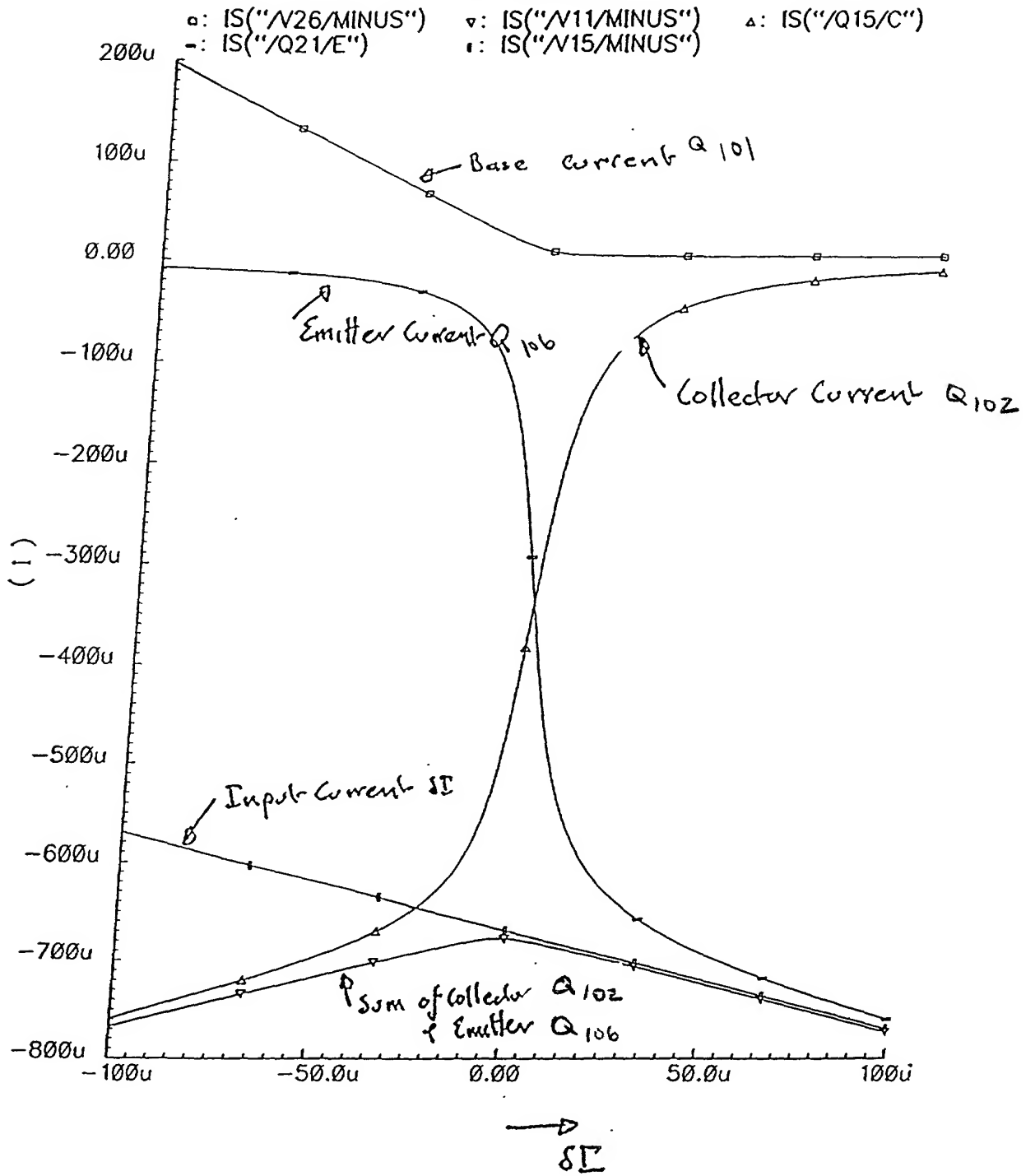


Figure 23

60033-4003

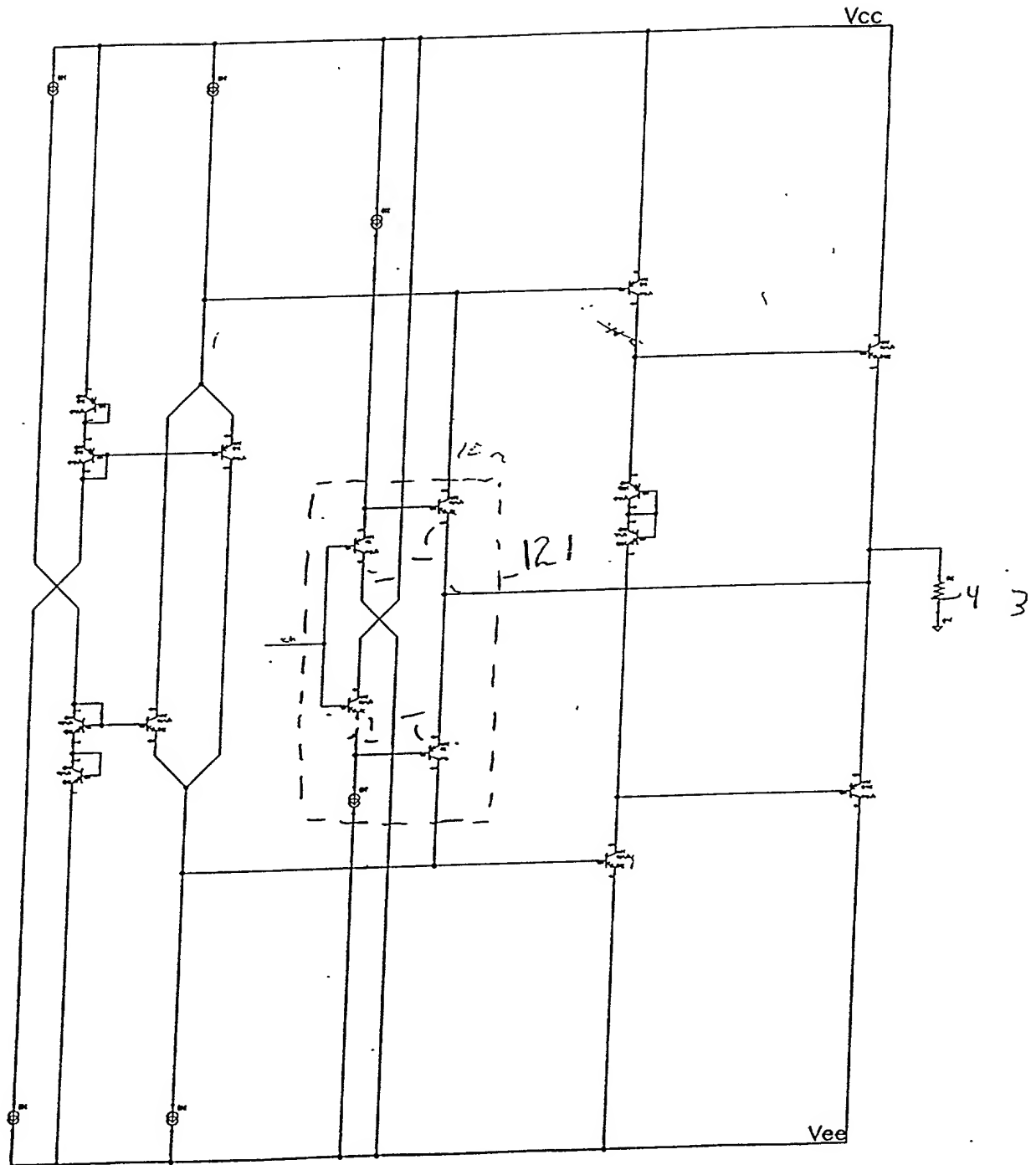


Figure 24

1003594-4004

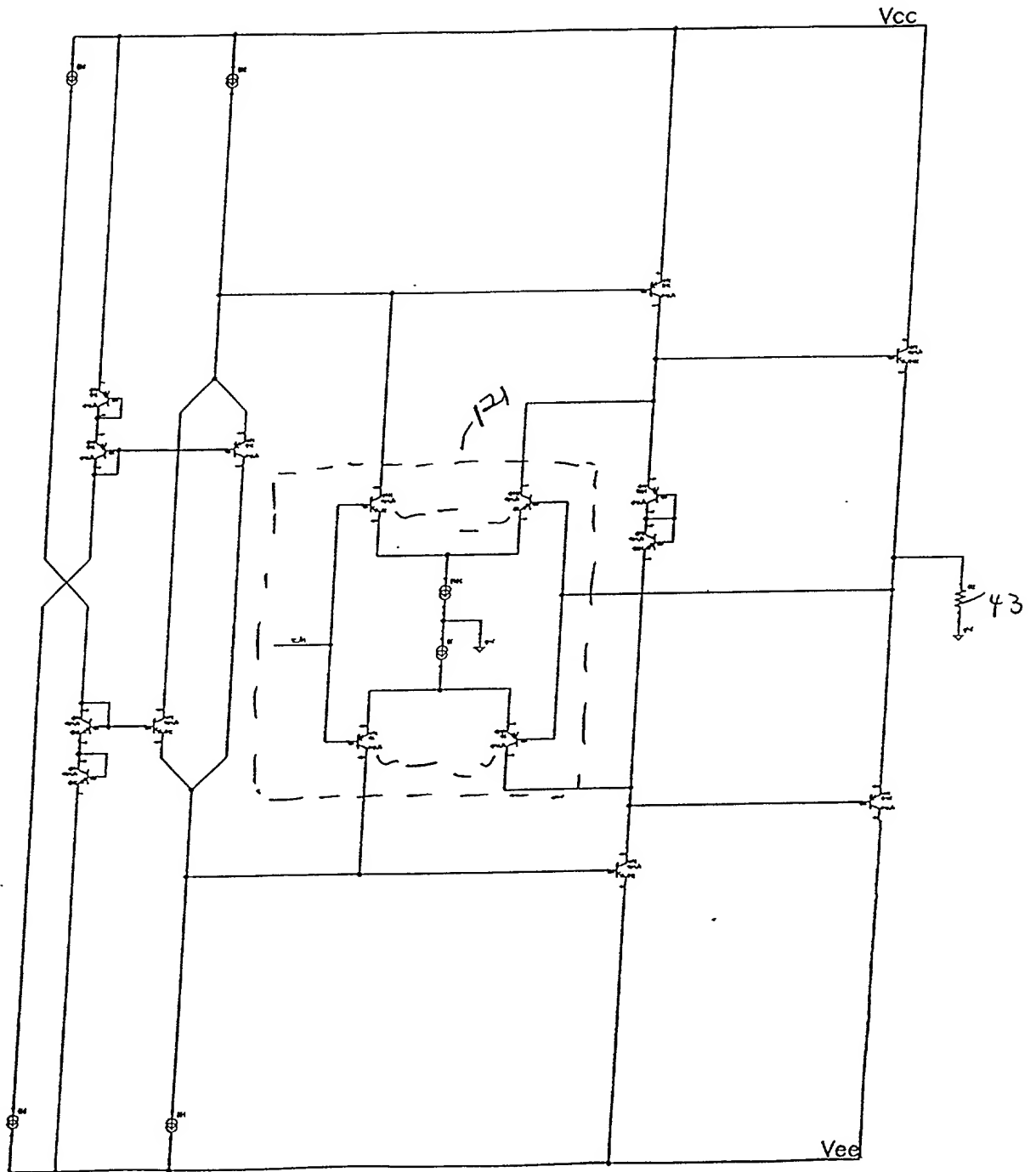


Figure 25

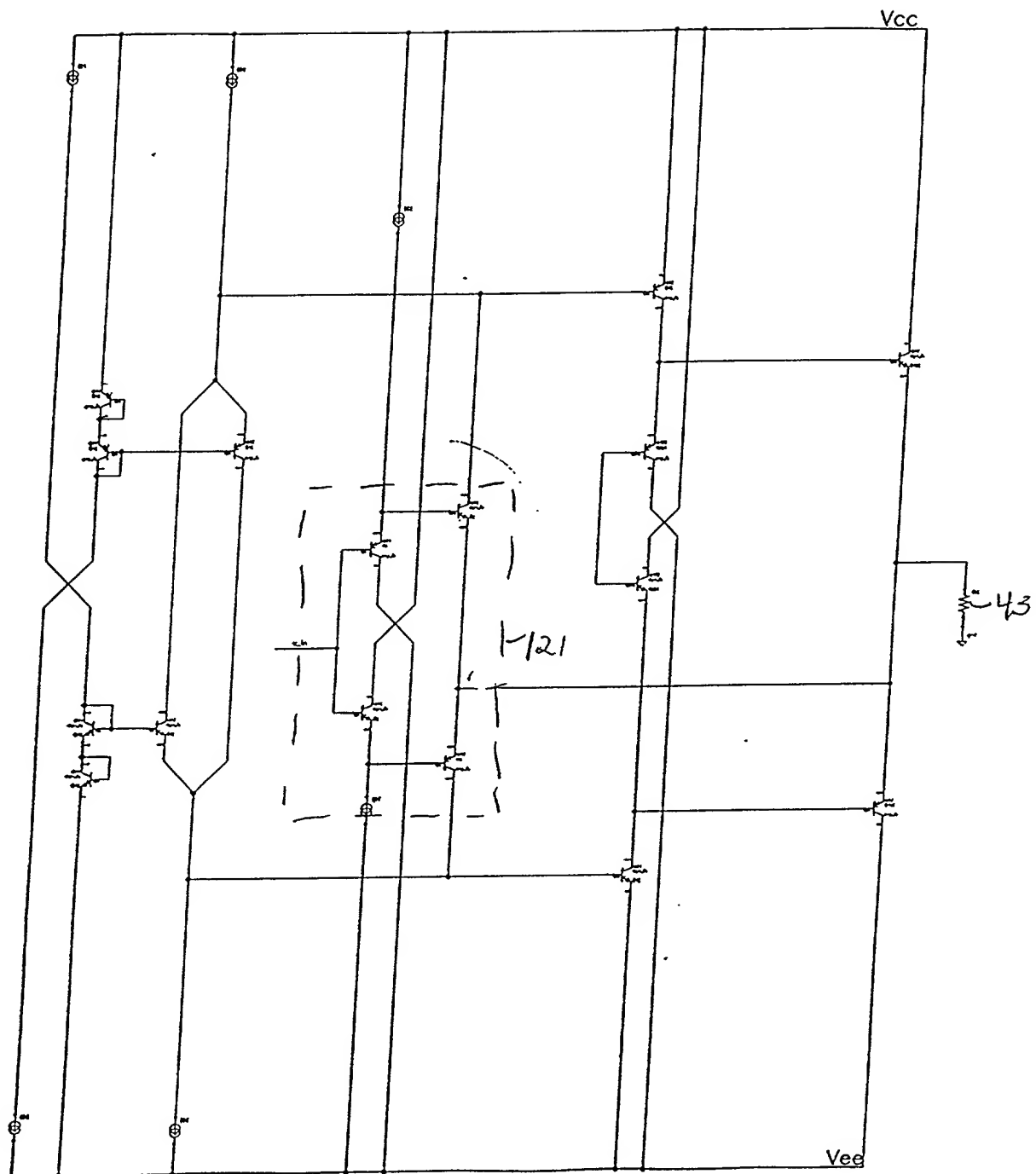


Figure 26

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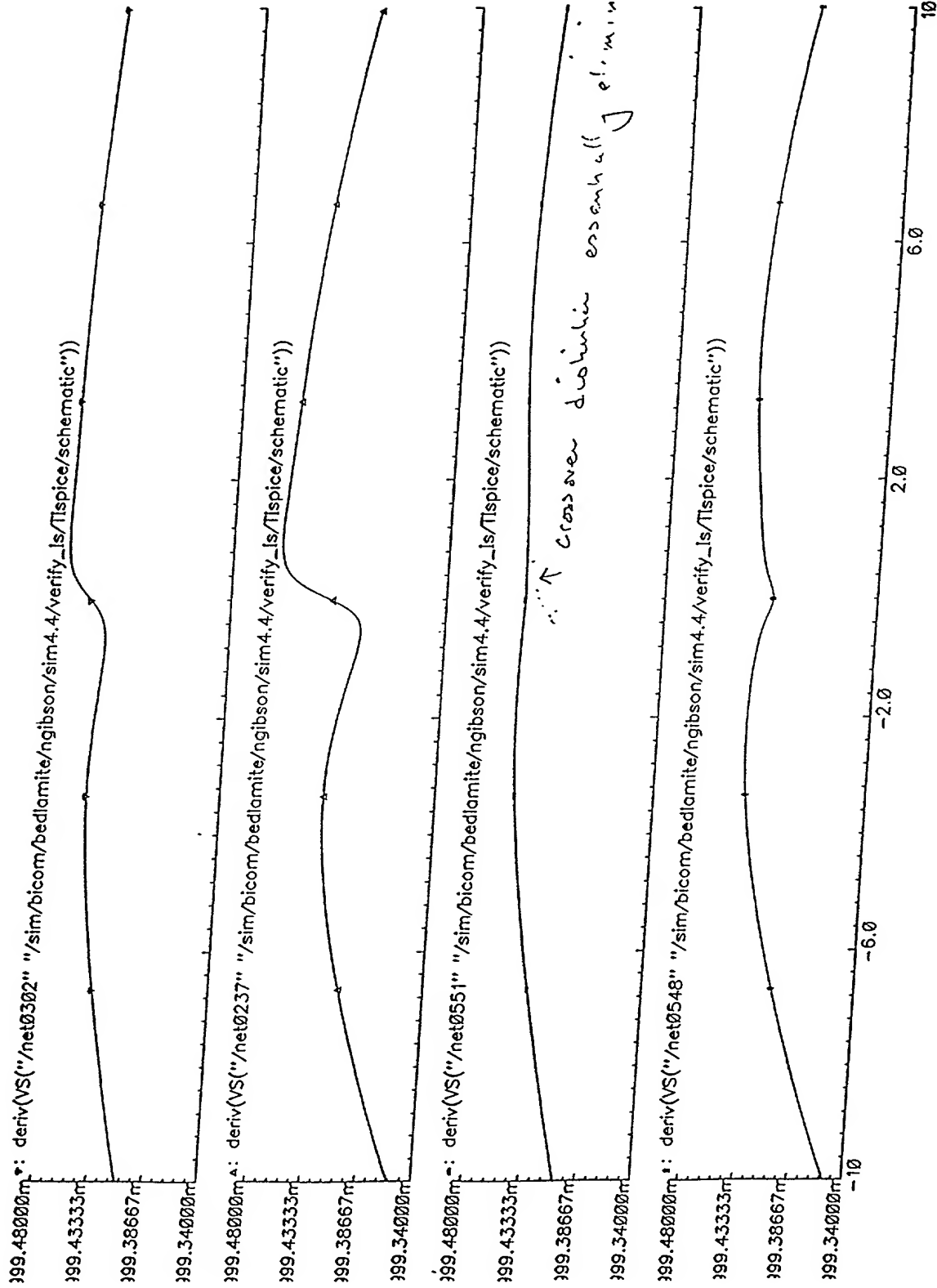


Figure 28

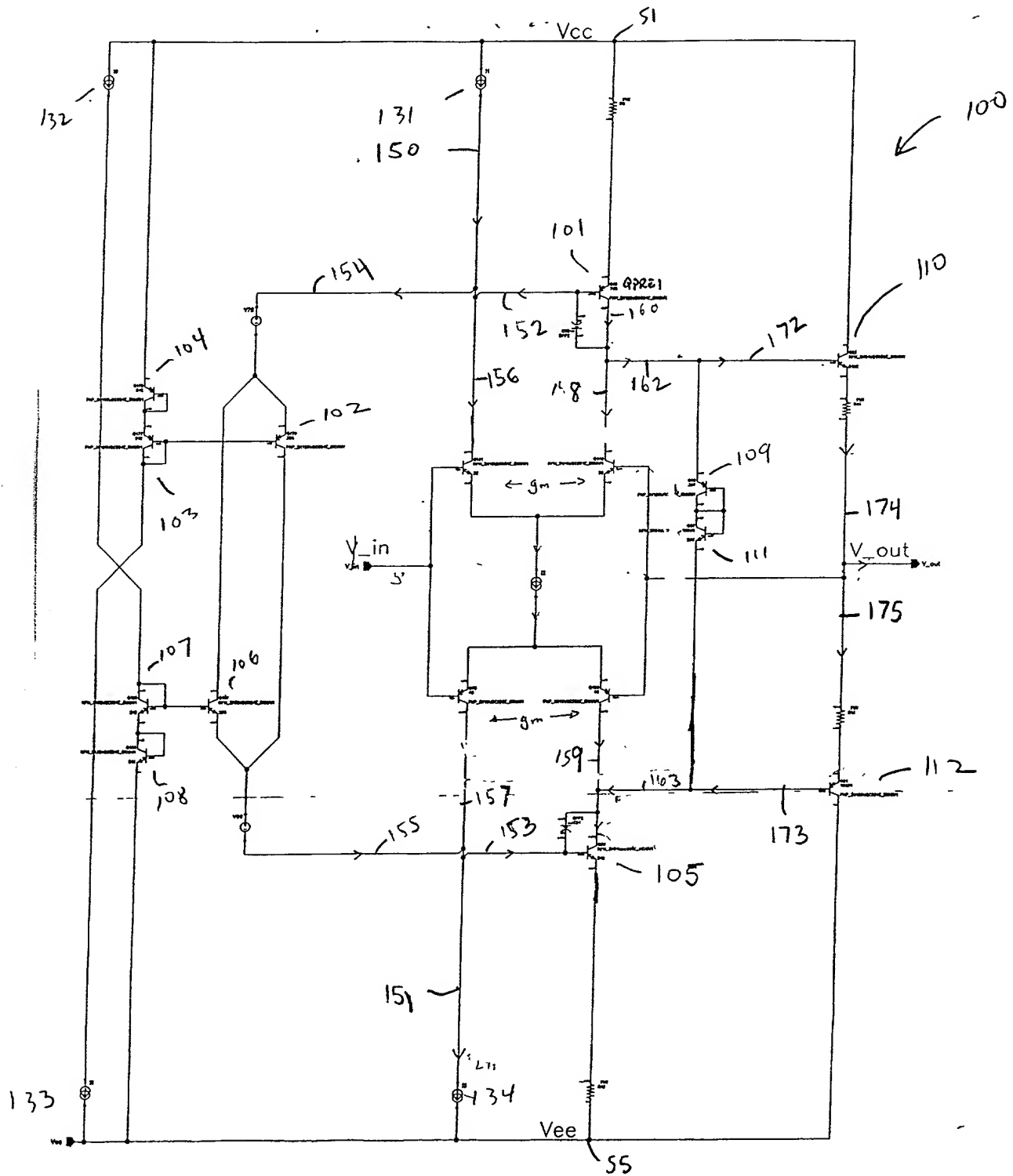


Figure 29

180

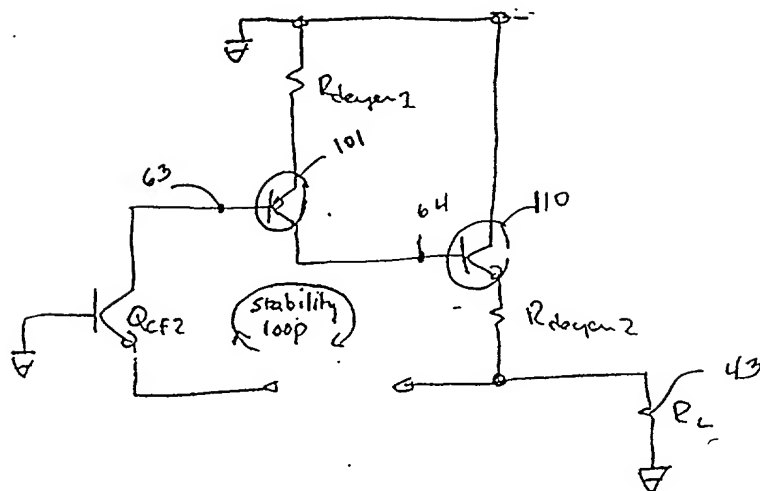


Figure 31

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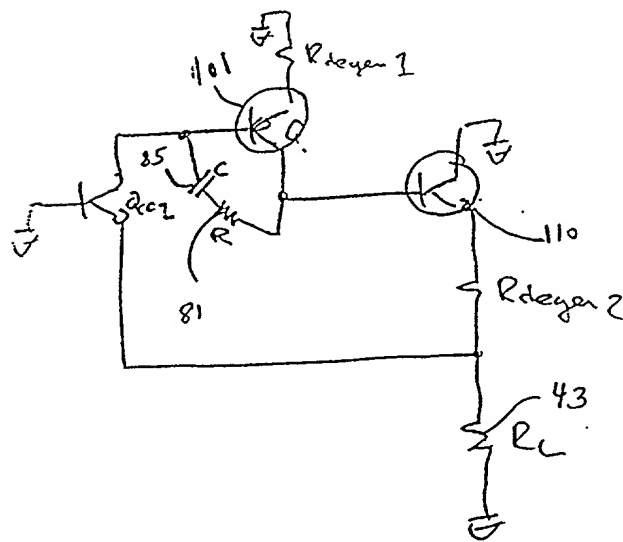


Figure 32

[illegible]

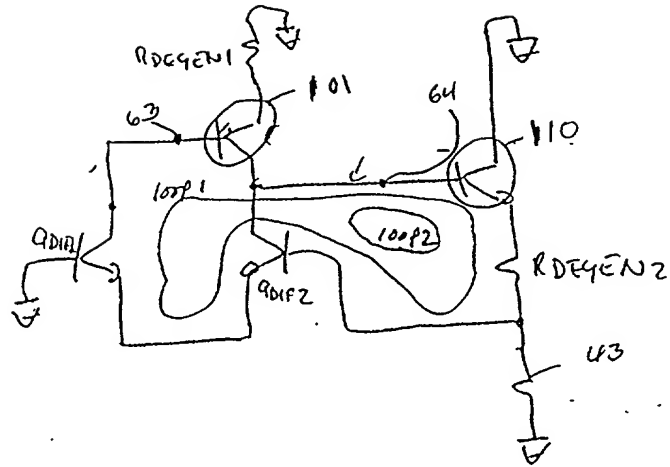


Figure 33

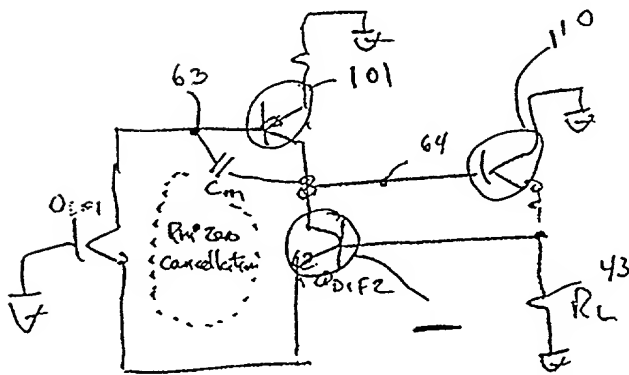


Figure 34

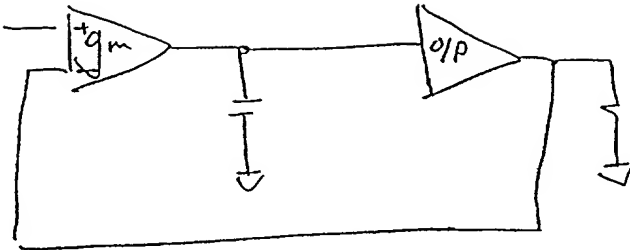
[illegible]

Figure 35